

ABSTRACT OF THE DISCLOSURE

A heat pipe unit is comprised of a tank, a plurality of pipes provided upright on and joined to a side of the tank to be in communication with the tank, the pipes being closed at an end thereof opposite an end where the pipes are joined to the tank; a working fluid sealed in the tank and movable between the plurality of pipes and the tank, and a plurality of fins fitted over and assembled to the plurality of pipes. The tank of this heat pipe unit is embedded in a base block of metal to provide a heat pipe type heat exchanger. A plurality of heat pipe units may be arranged in a row on the base block. The tank is preferably formed from a pipe of circular cross section and has spiral grooves provided on an inner surface thereof. The heat pipe unit and the heat pipe type heat exchanger are simple in structure and excellent in cooling performance, and are easy to produce.